

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
Mail Code: 401-03B
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DATE: Friday June 21, 2013

RE: Superstorm Sandy: State of New Jersey Waterway Debris Removal Project

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NORTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 5,994
- Total number of large debris recovered: 38 vessels
- Total verified sediment removal (total cubic yards): 43,291
- Total verified acres surveyed by side scan sonar: 32,988
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,896 (adjusted)
- Total targets retrieved: 746
- Total targets disqualified/below draft depth: 1,180

Yesterday's Operations:

- Sediment removal continues in Smiths Creek and Edgewater Marina. Debris removal occurred in West New York Bay adjacent to Weehawken.

Forecasted Operations:

- Friday: Continue sediment removal in Edgewater Marina, Raritan Yacht Club and Smith Creek Channel. Remaining debris will be cleared from Weehawken.
- Four day outlook: In Zone 1, sediment removal will continue in Edgewater, Raritan Bay Yacht Club and Smiths Creek. Debris removal will continue in Weehawken. Sediment removal in Perth Amboy Marina, (Zone 1); and Compton's Creek (Zone 2) is currently on hold.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/20/2013:

Northern Region	
Activity	Estimated Completion
Marina Debris Removal	Early July
DOT Channel Sediment Removal	On Hold
Marina Sediment Removal	Mid-November

CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 52,934
- Total large debris (vessels, cars, etc.): 97 vessels, 3 vehicles
- Total estimated cubic yards of sediment removed: 13,459 (adjusted)
- Total verified acres surveyed by side scan sonar: 47, 503
- Estimated hydrographic survey acres: 206
- Total targets identified: 2,529
- Total targets retrieved: 1,989
- Total targets disqualified/below draft depth: 375

Yesterday's Operations:

- Debris and target removal crews worked in the Navesink River, Shrewsbury River, Manasquan River, Silver Bay and Long Beach Island (LBI). Debris removal operations focused on removing visible and floating debris, as well as searching for submerged debris and targets in Zones 3 and 4. Sediment removal and sand screening operations continued in Zone 4, area 6 and Zone 4, area 5.

Forecasted Operations:

- Friday: Debris removal crews will continue working in the Navesink River, Manasquan River, Shrewsbury River, Silver Bay, and Long Beach Island. Sediment removal to continue in Zone 4, areas 5 and 6 and sand screening and stockpiling activities to continue at Brick Beach 3.
- Five day outlook: Target and debris recovery will continue in Zone 3 near the Rumson and Fairhaven area at Black Point Creek, Oceanic Bridge, Upper Navesink River, Monmouth Beach Channel, and Rumson County Club Channel. Debris removal operations on the Shark River to end within the week. Sediment removal to continue in Zone 4, areas 5 and 6.

Estimated Completion Dates of Current Tasks for Central Region as of 6/20/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Late June
Island Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
Floating Debris Removal	Early July
Marina Sediment Removal	Early September
Bay/Lagoon Sediment Removal	Mid-September
DOT Channel Sediment Removal	Early November

SOUTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 16,431
- Total large debris (vessels, cars, etc.): 20 vessels
- Total verified acres surveyed by side scan sonar: 76,944
- Estimated hydrographic survey acres: 177
- Total targets identified: 7,239
- Total targets retrieved: 1,233
- Total targets disqualified/below draft depth: 3,488 (adjusted)

Yesterday's Operations:

- Sediment sampling was performed at Morrison's Marina, (Zone 8); and Holgate Marina and Rutgers Inlet, (Zone 9).
- Vessel Recovery was performed in Bay Point, (Zone 11).
- Topo/survey was conducted at two (2) outfalls in Beach Haven, (Zone 9).
- Target Identification and staking was performed at Bay Grids 8-1, 8-2, 8-3, 8-4, and 8-5, (Zone 8).
- Surge line debris collection was conducted in Cedar Creek, Alloway Creek and Nantuxent Creek, (Zone 11).
- Target and debris removal from Bay Grid 8-1, (Zone 8); Little Sheepshead Creek, Runabout Creek, Big Creek, lagoons in Mystic Island and Bass River, (Zone 9); and Avalon, Stone Harbor, Wildwood/Grassy Sound areas, DOT Channel #205-Middle Thorofare, DOT Channel #206-Spicers Creek, DOT Channel #207-Cape Island Creek, DOT Channel #208-Schellengers-Cape Island Creek, DOT Channel #209-Devils Reach, and Salem River, (Zone 11).
- Side scan sonar was conducted in Haven Beach Club Marina in Brant Beach, Long Island Township, (Zone 8); and Absecon Bay, (Zone 10).

Forecasted Operations:

- Friday:
 - Target eligibility and staking will be conducted in Bay Grids 8-7, 8-8 and 8-10, (Zone 8); Mystic West Creek, (Zone 9); and Bass River, (Zone 10).
 - Surge line debris collection from Delaware Bay in Salem, and Nantuxent Creek in Gandy’s Beach and Money Island, (Zone 11).
 - Target and debris removal from Grids 8-1, 8-2, 8-3, 8-4, and 8-5, (Zone 8); Bass Creek, (Zone 10); and Mill Creek, Cape Island Creek, Delaware River and Gandy Marina, (Zone 11).
 - Side scan sonar will be conducted in Grids 9-2, 9-3, 9-10 and 9-12, (Zone 9); and Pecks Bay and Great Egg Harbor, (Zone 11).
- Four-day outlook: 06/22/13 – 06/25/13:
 - Surge line debris collection will continue at Delaware Bay in Salem and Nantuxent Creek, (Zone 11).
 - Target eligibility and staking will continue in Bay Grids 8-7, 8-8 and 8-10, (Zone 8); Mystic West Creek, (Zone 9); and Bass River, (Zone 10).
 - Target and debris removal will continue in Grids 8-1, 8-2, 8-3, 8-4, and 8-5, (Zone 8); Bass Creek, (Zone 10); and Mill Creek, Cape Island Creek, Delaware River and Gandy Marina, (Zone 11).
 - Side scan sonar continuing in Zones 9 and 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/20/2013:

Southern Region	
Activity	Estimated Completion
Lagoon Debris Removal	Early July
Bay Debris Removal	Early July
DOT Channel Debris Removal	Early July
Rivers and Streams Debris Removal	Early July
State Wildlife Management Areas Debris Removal	Mid-July
Marsh Debris Removal	Mid-July
Island Debris Removal	Mid-July
Ocean Debris Removal	Mid-July
Delaware Bay Debris Removal	Late July
Blocked Storm Water Outfall Sediment Removal	Mid-September
Lagoon Sediment Removal	Mid-October
DOT Channel Sediment Removal	Mid-October
Marina Sediment Removal	Late October

Report debris at 1-877-WARN-DEP or at waterwaydebris@dep.state.nj.us.

Additional information available at:

<http://www.nj.gov/dep/special/hurricane-sandy/wwdebris.htm>

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